

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121020\
 Data File : VV019509.D
 Acq On : 10 Dec 2020 12:52
 Operator : SY/MD
 Sample : VSTD10063
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10063

Quant Time: Dec 10 14:41:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 10 14:37:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	727003	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	677734	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	329881	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	533524	131.82	ug/L	0.00
7) Chloroethane-d5	1.57	69	428710	103.10	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.11	63	987617	103.54	ug/L	0.00
21) 2-Butanone-d5	3.89	46	648947	214.53	ug/L	0.00
24) Chloroform-d	4.35	84	979787	105.20	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.04	65	645801	104.12	ug/L	0.00
32) Benzene-d6	5.05	84	1883277	111.92	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.07	67	593892	104.16	ug/L	0.00
41) Toluene-d8	7.32	98	1690776	116.63	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.62	79	338764	122.40	ug/L	0.00
47) 2-Hexanone-d5	8.09	63	505433	297.45	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.22	84	810982	118.80	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.63	152	634266	117.30	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.13	85	590689	159.543	ug/L 99
3) Chloromethane	1.24	50	628328	154.950	ug/L 99
5) Vinyl chloride	1.31	62	619505	133.811	ug/L 99
6) Bromomethane	1.52	94	376233	94.759	ug/L 100
8) Chloroethane	1.59	64	378013	110.438	ug/L 100
9) Trichlorofluoromethane	1.75	101	759131	105.925	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	428099	103.569	ug/L 100
12) 1,1-Dichloroethene	2.12	96	432538	108.434	ug/L # 76
13) Acetone	2.18	43	509661	134.666	ug/L 99
14) Carbon disulfide	2.30	76	1365024	119.717	ug/L 100
15) Methyl Acetate	2.43	43	569226	90.411	ug/L 100
16) Methylene chloride	2.51	84	500856	94.004	ug/L 98
17) trans-1,2-Dichloroethene	2.76	96	473666	105.779	ug/L 100
18) Methyl tert-butyl Ether	2.77	73	1682549	103.292	ug/L 100
19) 1,1-Dichloroethane	3.19	63	926092	91.630	ug/L 100
20) cis-1,2-Dichloroethene	3.92	96	527665	102.431	ug/L # 99
22) 2-Butanone	3.97	43	806025	170.388	ug/L 99
23) Bromochloromethane	4.25	128	258539	101.775	ug/L 98
25) Chloroform	4.38	83	922908	92.239	ug/L 99
27) 1,2-Dichloroethane	5.13	62	773363	94.777	ug/L 99
29) Cyclohexane	4.68	56	837290	116.768	ug/L 100
30) 1,1,1-Trichloroethane	4.61	97	851352	103.785	ug/L 100
31) Carbon tetrachloride	4.83	117	714577	105.760	ug/L 98
33) Benzene	5.10	78	1996851	103.764	ug/L 100
34) Trichloroethene	5.92	95	517872	96.270	ug/L 99
35) Methylcyclohexane	6.14	83	808654	121.321	ug/L 100
37) 1,2-Dichloropropane	6.18	63	528234	94.588	ug/L 100
38) Bromodichloromethane	6.51	83	732922	100.296	ug/L 99
39) cis-1,3-Dichloropropene	7.03	75	906659	112.095	ug/L 100
40) 4-Methyl-2-pentanone	7.23	43	1600312	195.435	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.39	91	2102412	107.795	ug/L	100
44) trans-1,3-Dichloropropene	7.65	75	887021	108.282	ug/L	99
45) 1,1,2-Trichloroethane	7.84	97	491243	96.986	ug/L	99
46) Tetrachloroethene	7.98	164	360824	108.671	ug/L	98
48) 2-Hexanone	8.14	43	1233410	189.616	ug/L	100
49) Dibromochloromethane	8.25	129	555281	104.667	ug/L	100
50) 1,2-Dibromoethane	8.36	107	532436	104.752	ug/L	99
51) Chlorobenzene	8.88	112	1343780	105.500	ug/L	99
52) Ethylbenzene	9.02	91	2402469	111.924	ug/L	100
53) m,p-Xylene	9.14	106	902743	117.076	ug/L	99
54) o-xylene	9.55	106	885803	118.641	ug/L	99
55) Styrene	9.56	104	1559061	117.940	ug/L	99
56) Isopropylbenzene	9.94	105	2349751	116.249	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.24	83	810280	104.882	ug/L	100
59) 1,2,3-Trichloropropane	10.28	75	664895	95.860	ug/L	100
61) Bromoform	9.74	173	389407	105.954	ug/L	99
62) 1,3-Dichlorobenzene	11.18	146	1020628	106.776	ug/L	99
63) 1,4-Dichlorobenzene	11.28	146	1026507	102.668	ug/L	100
65) 1,2-Dichlorobenzene	11.65	146	1020027	104.564	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.43	75	227053	115.960	ug/L	97
67) 1,3,5-Trichlorobenzene	12.65	180	733989	103.090	ug/L	99
68) 1,2,4-trichlorobenzene	13.26	180	693131	109.922	ug/L	99
69) Naphthalene	13.50	128	2550058	142.824	ug/L	100
70) 1,2,3-Trichlorobenzene	13.75	180	680965	105.818	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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